



The International Amateur Radio Union

Since 1925, the Federation of National Amateur Radio Societies
Representing the Interests of Two-Way Amateur Radio Communication

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Date: 6 January 2017

To Yasuyuki Miyazaki

Subject: IARU Frequency coordination for **NEXUS**

Dear Yasuyuki,

In response to your request dated 15 December 2016 the IARU Satellite frequency coordination panel has coordinated the following frequencies for NEXUS:

437.075 MHz downlink with emission designators 500HA1A, 16K0F2D, 16K0F3E, 16K0F3F and 26K0F1D with output power 0.1 to 0.8 Watt, antenna gain -2 dBd;

~~435.890-435.910 MHz~~ for linear transponder downlink with emission designator ~~15K0F3E~~, output power 0.5 Watts, antenna gain -2 dBd;

~~145.900-145.920 MHz~~ for linear transponder uplink with emission designator ~~15K0F3E~~;

435.900 MHz downlink with emission designators 30K0G1D, output power 0.8 Watt, antenna gain -2dBd;

435.900 MHz downlink with emission designators 9K00F1D, ~~9K00F2D~~, 18K5F1D and 15K0F1D with output power 0.4 W, antenna gain -2 dBd for FM-transceiver;

145.860 MHz uplink with emission designator 20K0F2D for telecommand;

~~145.910 MHz uplink with emission designator 16K0F1D.~~

Planned launch date tbd.

Licensing administration: Japan

Height and Orbit: 500-600 km.

Telecommand station: ~~JQ1YGV~~, Chiba, Japan.


~~JQ1YGV~~
JS1YAW

IARU has coordinated frequencies in bands allocated to the amateur satellite service. All frequencies in the amateur satellite service are shared frequencies.

Please inform me about the launch date and the API/A number as soon as that information becomes available.



Best wishes for a successful project.

HP Blondeel 

Hans Blondeel Timmerman
IARU Satellite Advisor

